

INTERNATIONAL SEARCH REPORT

International App. n No
PCT/IB 03/02331A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B21F23/00 B21F27/10 B21F27/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B21F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 539 457 A (PINGER EGON ET AL) 3 September 1985 (1985-09-03) cited in the application column 5, line 51 - column 7, line 3; figures	1,2,14, 17,20
A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 01, 31 January 1997 (1997-01-31) -& JP 08 243763 A (SANYO DENKI KK), 24 September 1996 (1996-09-24) abstract	1-3
A	WO 95 06532 A (BERNARDINIS CLAUDIO ;ZEBELLONI CARINO (IT)) 9 March 1995 (1995-03-09) page 5, line 15 - page 6, line 7; claim 1; figure 2	1,4
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the International search

Date of mailing of the International search report

26 November 2003

03/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 851 epo nl
Fax. (+31-70) 340-3016

Authorized officer

Barrow, J

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	EP 1 177 851 A (IMPIANTI INDUSTRIALI SPA) 6 February 2002 (2002-02-06) column 3, line 53 - column 4, line 5 column 5, line 35 - column 6, line 32; figures -----	1,5
A	US 5 013 879 A (LIND TORVALD) 7 May 1991 (1991-05-07) column 3, line 11 - column 4, line 19; figures -----	1,3

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